

NEC MultiSync® EA Series

Widescreen LCDs ideal for corporate environments



Take your productivity to new heights. With its MultiSync EA Series, NEC has developed desktop displays that combine cutting-edge technologies with dynamic design accents, giving you the ability to increase your productivity while adding a modern flair to your desktop. The 22" NEC MultiSync EA221WM and 26" NEC MultiSync EA261WM, which tout flexibility for any number of applications and environments, meet the diverse needs of businesses of all kinds.

A new perspective on productivity. These displays' wide-format screens provide roughly the same work area as two smaller-sized LCD screens, allowing you to work simultaneously in multiple/side-by-side application windows.

Enhanced screen performance. With a contrast ratio of 1000:1 (typical) and brightness quality of up to 400 cd/m², outstanding LCD monitor front-of-screen visual performance is NEC Display Solutions' #1 goal. Rapid Response™ technology provides for lifelike full-motion video display without distortion at a swift response time of 5ms.

Wide compatibility for today and tomorrow. With Ambix® dual-input technology—which utilizes both DVI-D and traditional 15-pin VGA connectors—you can bridge the gap between analog and digital systems by allowing the same monitor to work seamlessly in either environment. Ambix provides compatibility with today's computer systems and is on the forefront of tomorrow's digital output.

Features & Benefits

Height-adjust, pivot, tilt and swivel capabilities add flexibility and comfort to your viewing preferences

Integrated USB 2.0 hub gives you convenient connections to peripherals

Built-in multimedia speakers with headphone jack save significant desktop space

Multi-directional NaViKey™ allows for easy screen setting adjustments

5-setting Dynamic Video Mode enhances video and images with real-time optimization of brightness, color and contrast

ECO Mode™ helps extend the life of the display by allowing the user to dim the backlight, thereby reducing heat generation and conserving energy

Carbon footprint meter helps track and calculate the reduction of green gas emissions

Recessed carrying handle on the back of the display provides easier transport

Wide-format screen increases productivity by expanding your working area for multiple application windows

Rapid Response technology delivers virtually uninterrupted, undistorted viewing of high-speed, full-motion video

Ambix dual-input technology allows for digital/analog compatibility with upgraded video cards and software as well as connection to two systems

XtraView® technology provides for some of the widest viewing angles available

NaViSet™ software offers an expanded and intuitive interface, allowing you to more easily adjust display settings via mouse and keyboard

NEC Display Solutions' quality and reliability provide peace of mind with a 3-year limited parts and labor warranty (including backlight) and unrivaled customer service and technical support

NEC MultiSync EA Series models feature built-in speakers (A), which are integrated into the bottom of the cabinet. Along with a headphone jack (B), these space-saving speakers add multimedia connectivity and excitement to the desktop computing experience without adding bulk to the display's design.

These models feature swivel (nearly 360°) (C), tilt (D) and pivot (E) capabilities and a height-adjustable stand (up to 110mm) (F), allowing you to create an ideal ergonomic display orientation for maximum viewing comfort. A built-in, recessed handle (G) also makes the displays easily transportable.

The display's discreet control button arrangement (H) includes the NaViKey. This multi-directional key not only allows for a thinner frame around the screen and helps reduce the number of control buttons required, it provides an easier means of reaching your preferred display settings.



Model	MultiSync EA221WM	MultiSync EA261WM
Display		
Viewable Image Size	22"	26"
Pixel Pitch	0.282mm	0.292mm
Pixels Per Inch	90 @ native resolution	87 @ native resolution
Brightness (typical)	250 cd/m ²	400 cd/m ²
Contrast Ratio (typical)	1000:1	1000:1
Viewing Angle (typical)	170° Vert., 176° Hor. (85U/85D/88L/88R) (CR > 5)	160° Vert., 160° Hor. (80U/80D/80L/80R) (CR > 10)
Response Time (typical)	Rapid Response (5ms)	Rapid Response (5ms)
Display Colors	More than 16.7million	More than 16.7million
Synchronization Range		
Horizontal	31.5-81.1KHz (Analog/ Digital)	31.5-81.1KHz (Analog/ Digital)
Vertical	56-76Hz (Analog/Digital)	56-76Hz (Analog/Digital)
Input Signal		
Video	Analog 0.7 Vp-p / 75 Ohms	Analog 0.7 Vp-p / 75 Ohms
Sync	Separate Sync: TTL Level (positive/negative)	Separate Sync: TTL Level (positive/negative)
Inputs	DVI-D and VGA 15-pin D-Sub	DVI-D and VGA 15-pin D-Sub
Resolutions Supported		
720 x 400 @ 70 Hz	720 x 350 @ 70/85 Hz	
640 x 480 @ 60-75 Hz	720 x 400 @ 70/85 Hz	
800 x 600 @ 56-75 Hz	640 x 480 @ 60-75 Hz	
832 x 642 @ 75 Hz	800 x 600 @ 56-75 Hz	
1024 x 768 @ 60-75 Hz	832 x 624 @ 75 Hz	
1152 x 864 @ 70-75 Hz	1024 x 768 @ 60-75 Hz	
1152 x 870 @ 75 Hz	1152 x 864 @ 75 Hz	
1280 x 960 @ 60-75 Hz	1152 x 870 @ 75 Hz	
1280 x 1024 @ 60-75 Hz	1280 x 720 @ 60 Hz	
1360 x 768 @ 60 Hz	1280 x 768 @ 60-75 Hz	
1440 x 900 @ 60-75 Hz	1280 x 960 @ 60/75/85 Hz	
1440 x 1050 @ 60-70 Hz	1280 x 1024 @ 60-75 Hz	
1680 x 1050 @ 60 Hz	1360 x 768 @ 60 Hz	
	1440 x 900 @ 60 Hz	
	1440 x 1050 @ 60 Hz	
	1680 x 1050 @ 60 Hz	
	1600 x 1200 @ 60 Hz	
	1920 x 1200 @ 60 Hz	
Native Resolution	1680 x 1050 @ 60 Hz	1920 x 1200 @ 60 Hz
Additional Features	Thin-frame (bezel), widescreen format, integrated speakers, USB 2.0 hub, height-adjustable stand (110mm), pivot, tilt, swivel, No Touch Auto Adjust, cable management, AccuColor color control, digital smoothing, digital controls, DDC/CI, NaViSet software, Plug and Play (VESA DDC 1/2B), VESA DPMS power management, OSM user controls, ISO 13406-2 Class II, Windows Vista Premium-certified, Dynamic Video Mode, HDCP, 720p and 1080p from DVI-D, ECO Mode, Carbon Meter, HDMI-capable with adapter	Thin-frame (bezel), widescreen format, integrated speakers, USB 2.0 hub, height-adjustable stand (110mm), pivot, tilt, swivel, No Touch Auto Adjust, cable management, AccuColor color control, digital smoothing, digital controls, DDC/CI, NaViSet software, Plug and Play (VESA DDC 1/2B), VESA DPMS power management, OSM user controls, ISO 13406-2 Class II, Windows Vista Premium-certified, Dynamic Video Mode, HDCP, 92% color gamut, 720p and 1080p from DVI-D, ECO Mode, Carbon Meter, HDMI-capable with adapter
Voltage Rating	AC 100-120V / AC 220-240V	AC 100-120V / AC 220-240V
Power Consumption (typical)		
On (w/ USB + audio)	59W	99W
Power Savings Mode	2W	< 2W
Dimensions (W x H x D)		
Net (with stand)	20 x 15.19.4 x 8.7 in. / 507.8 x 382-492 x 220mm	23.4 x 17.8-22.1 x 10.7 in. / 594.4 x 451-561 x 272.4mm
Net (without stand)	20 x 13.1 x 2.8 in. / 507.8 x 332.1 x 71.8mm	23.4 x 15.3 x 3.8 in. / 594.2 x 389.8 x 95.6mm
Weight		
Net (with stand)	17.4 lbs. / 7.9 kg	27.1 lbs. / 12.3 kg
Net (without stand)	11.7 lbs. / 5.3 kg	18.7 lbs. / 8.5 kg
VESA Hole Configuration Specifications	100 x 100mm	100 x 100mm; 200 x 100mm
Environmental Conditions		
Operating Temperature	5-35°C / 41-95°F	5-35°C / 41-95°F
Operating Humidity	20-80%	20-80%
Operating Altitude	2000m / 6562 ft.	2000m / 6562 ft.
Storage Temperature	-10-60°C / 14-140°F	-10-60°C / 14-140°F
Storage Humidity	10-85%	10-85%
Storage Altitude	12,192m / 40,000 ft.	12,192m / 40,000 ft.
Limited Warranty	3 years parts and labor, including backlight	3 years parts and labor, including backlight
Technical Support	M - F (7am - 7pm CST)	M - F (7am - 7pm CST)



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